

Figure 1

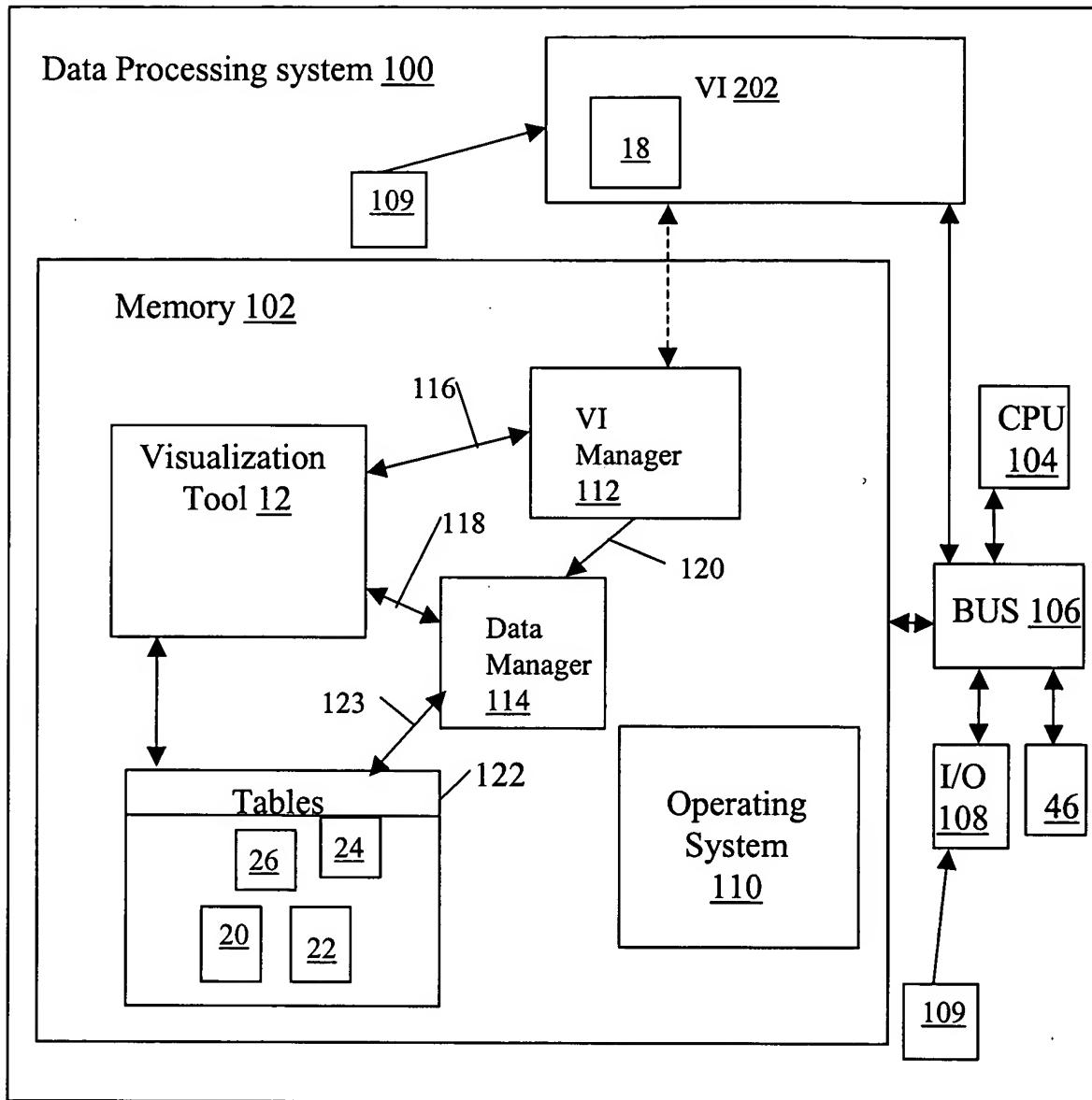


Figure 2

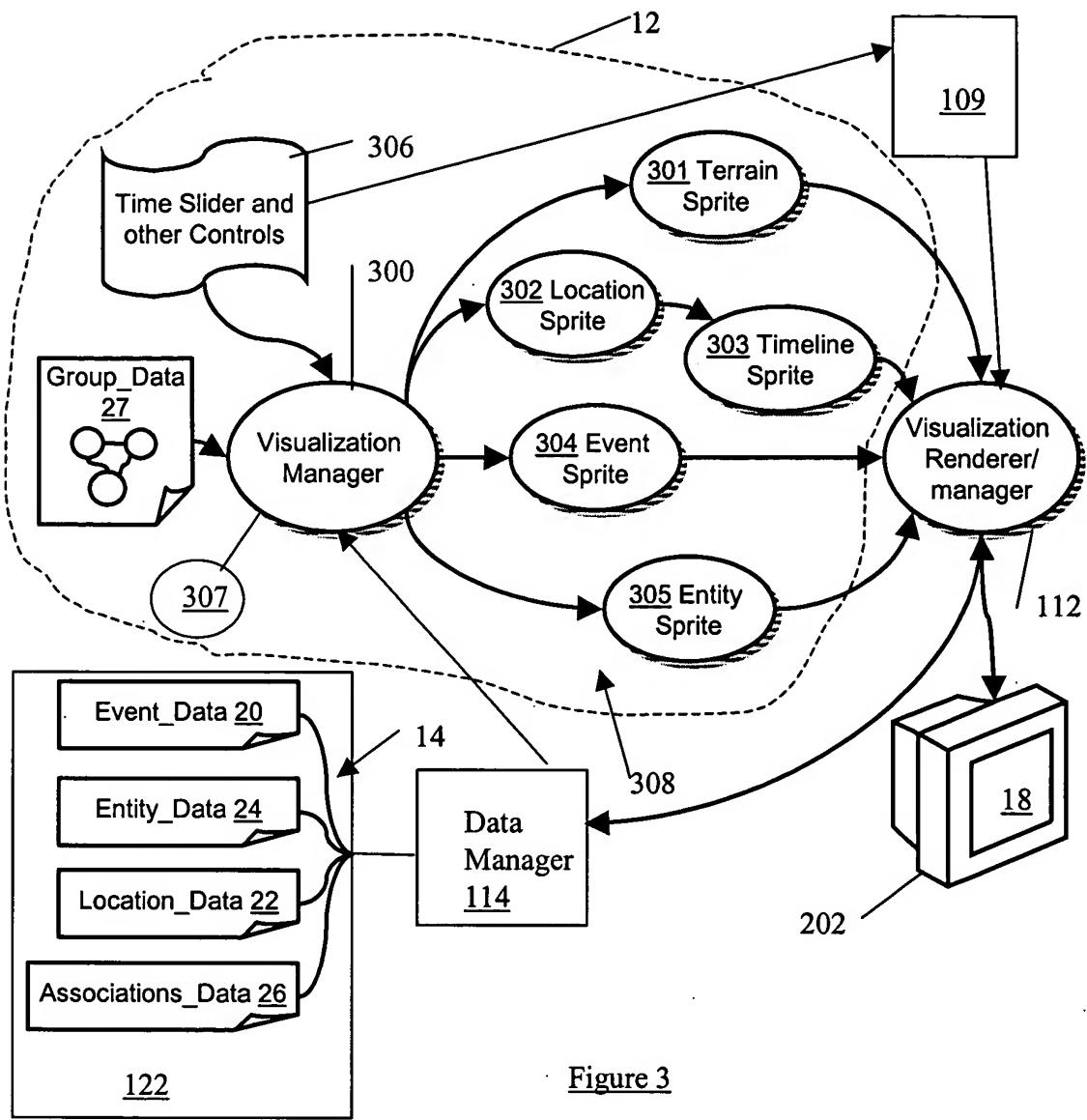


Figure 3

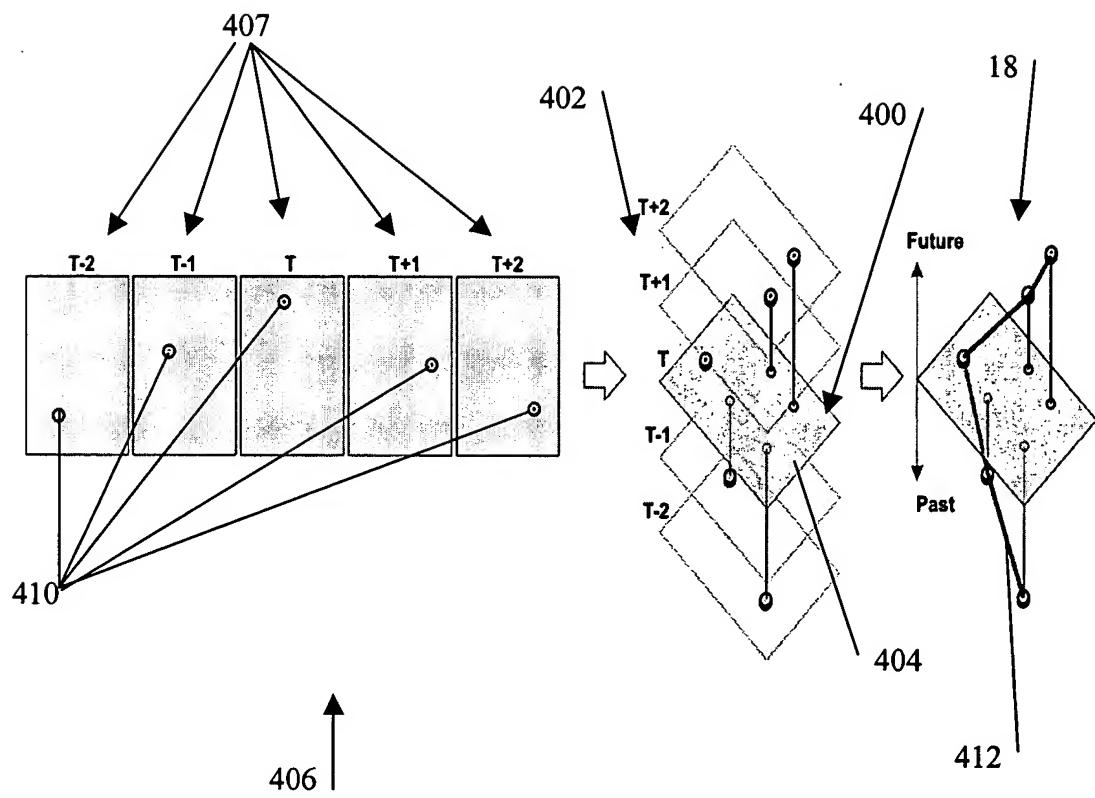


Figure 4

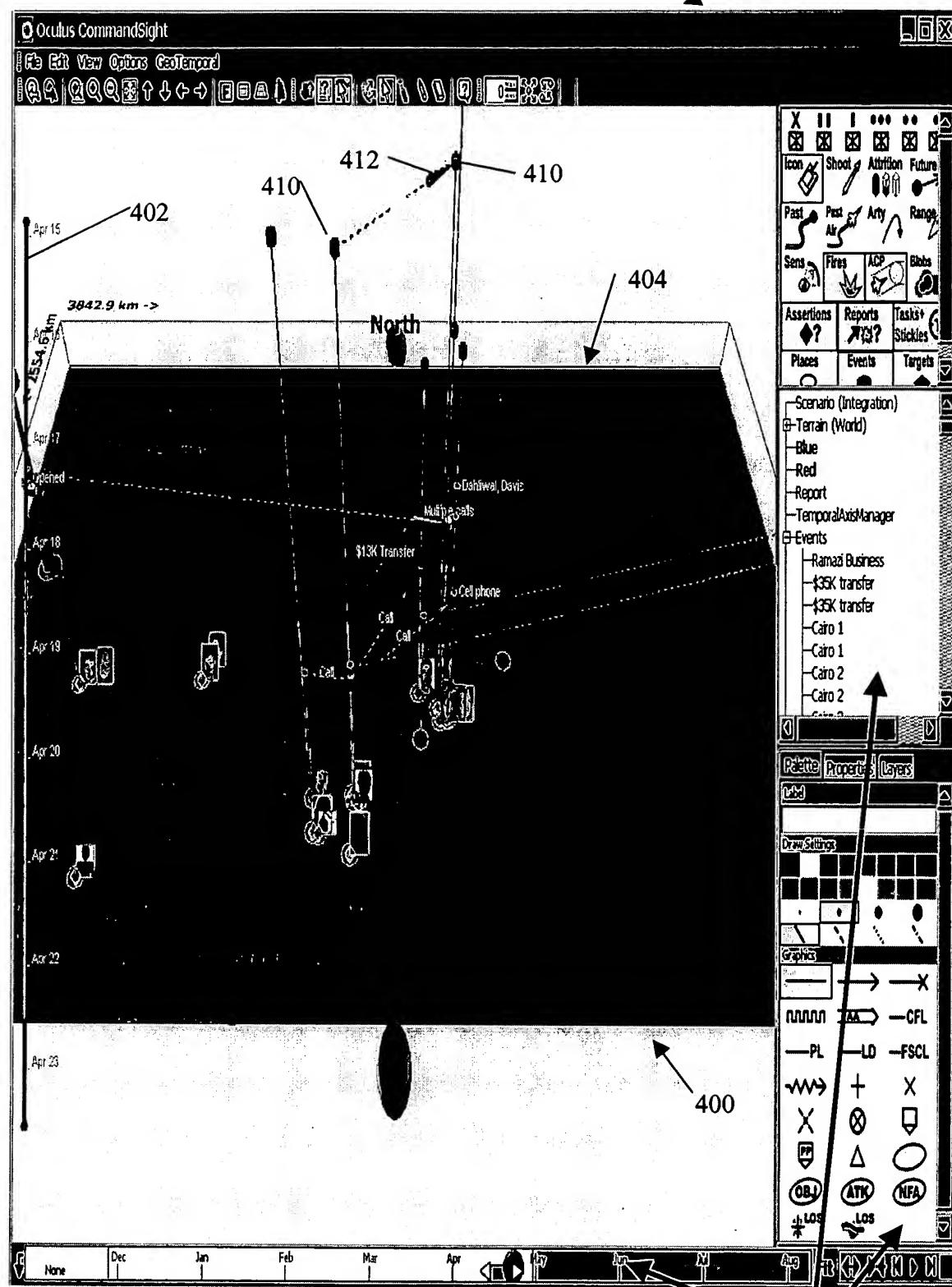
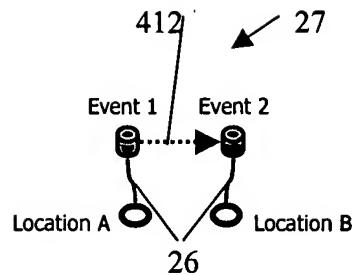
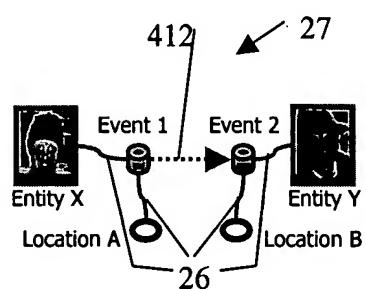


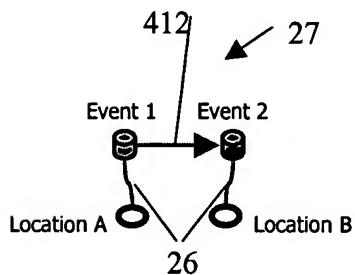
Figure 5



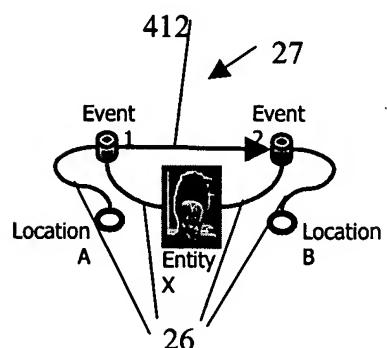
Soft Vector Group
(Phone Call, email, money transfer)
3 Associations:
 •Event1 occurred at Location A
 •Event 2 occurred at Location B
 •Event 1 directed at Event 2



Soft Vector Group with Actors
(Phone Call, email, money transfer)
5 Associations: Same as above plus...
 •Entity X present at Event 1
 •Entity Y present at Event 2



Hard Vector Group
(Documented transport such as air or boat travel)
3 Associations:
 •Event1 occurred at Location A
 •Event 2 occurred at Location B
 •Event 1 moves to Event 2



Hard Vector Group with Actors
(Transport of a person or thing)
5 Associations: Same as above plus...
 •Entity X present at Event 1 (departure)
 •Entity X present at Event 2 (arrival)

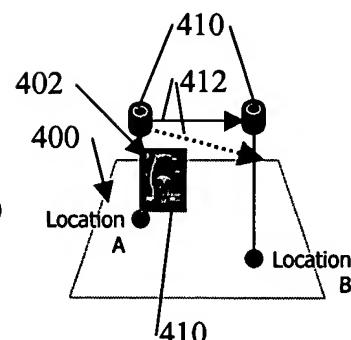
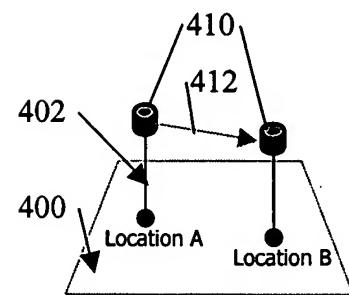
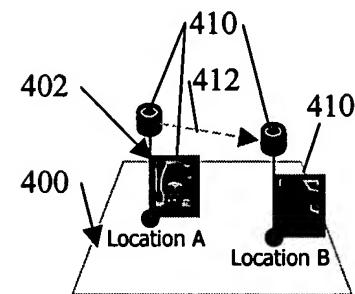
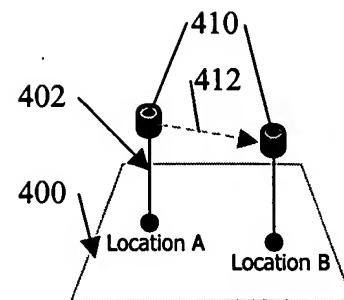


Figure 6

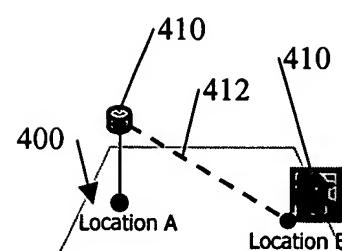
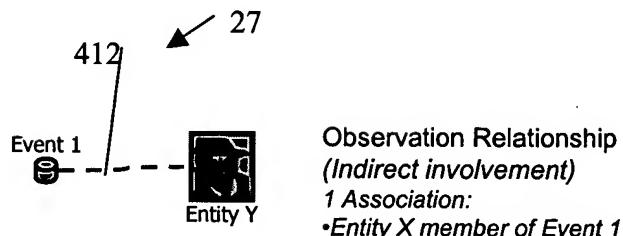
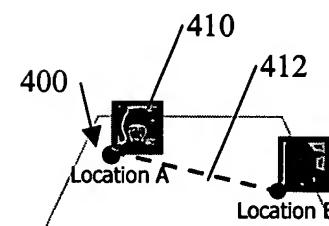
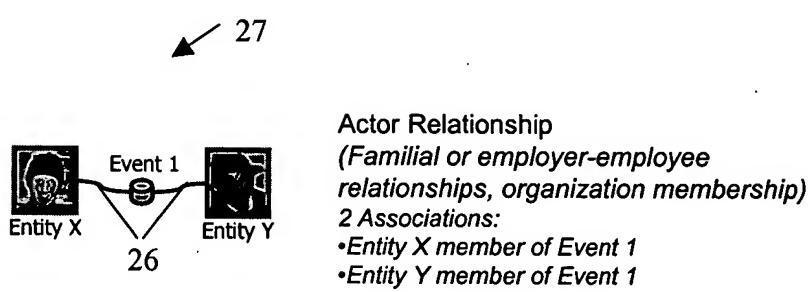
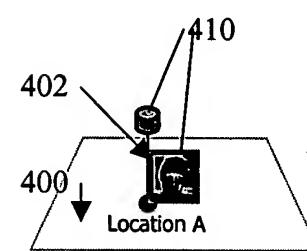
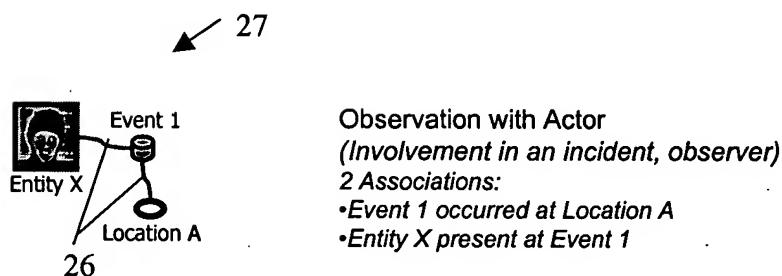
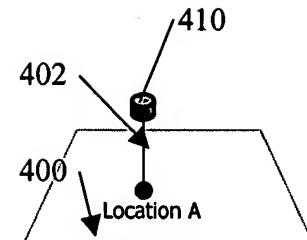
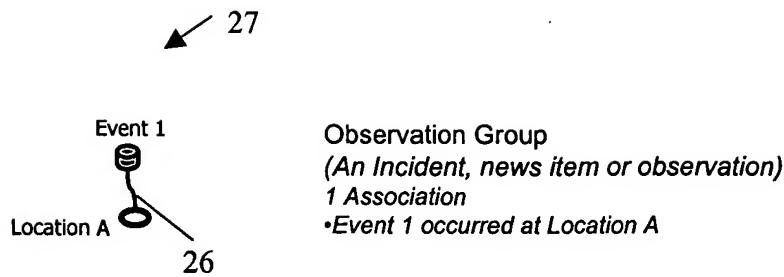


Figure 7

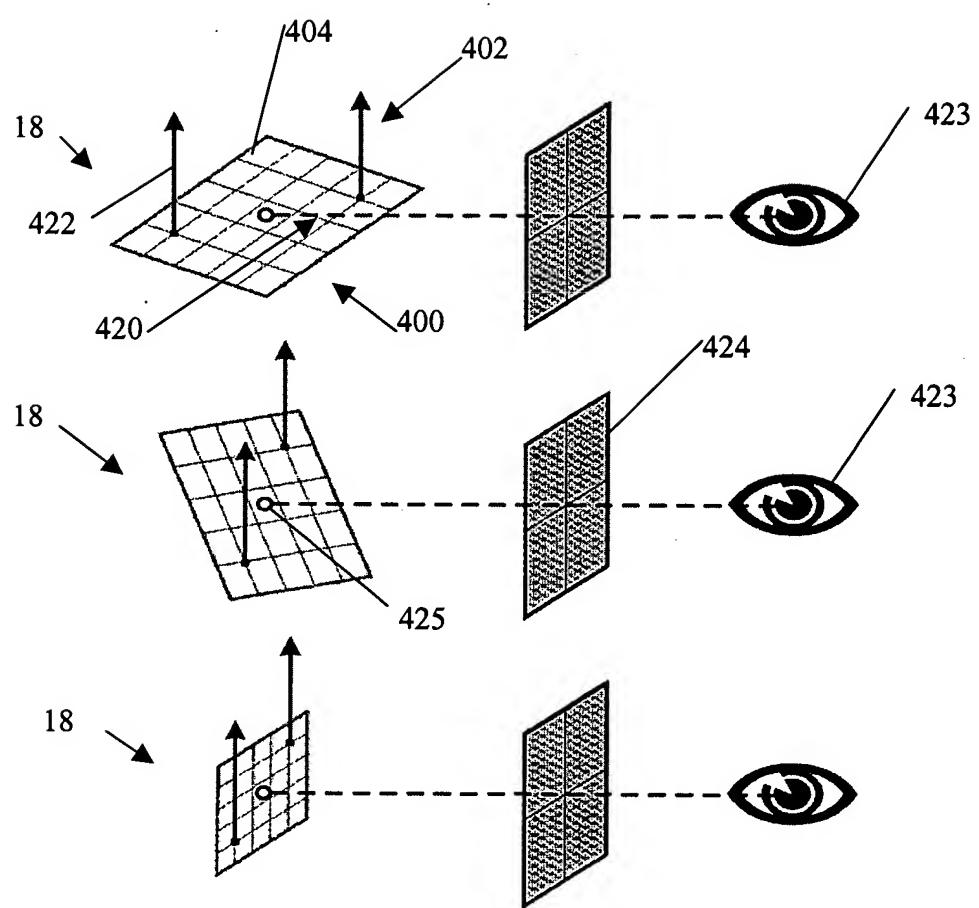


Figure 8

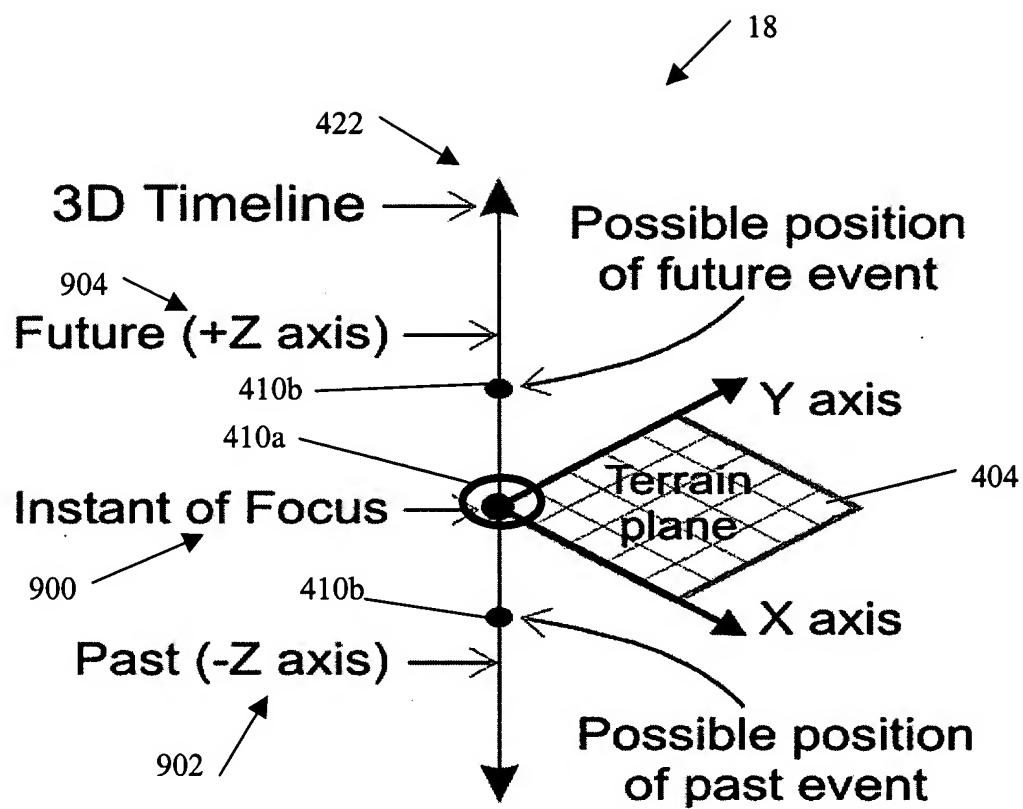


Figure 9

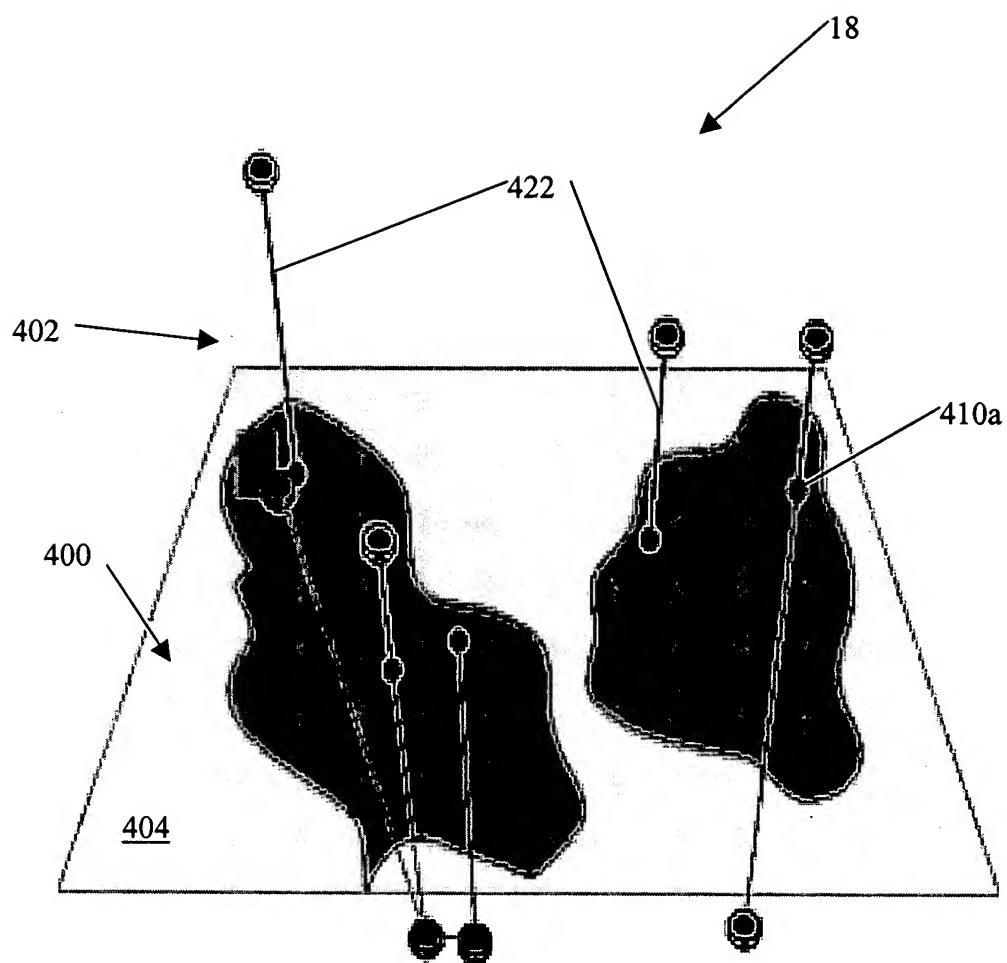


Figure 10

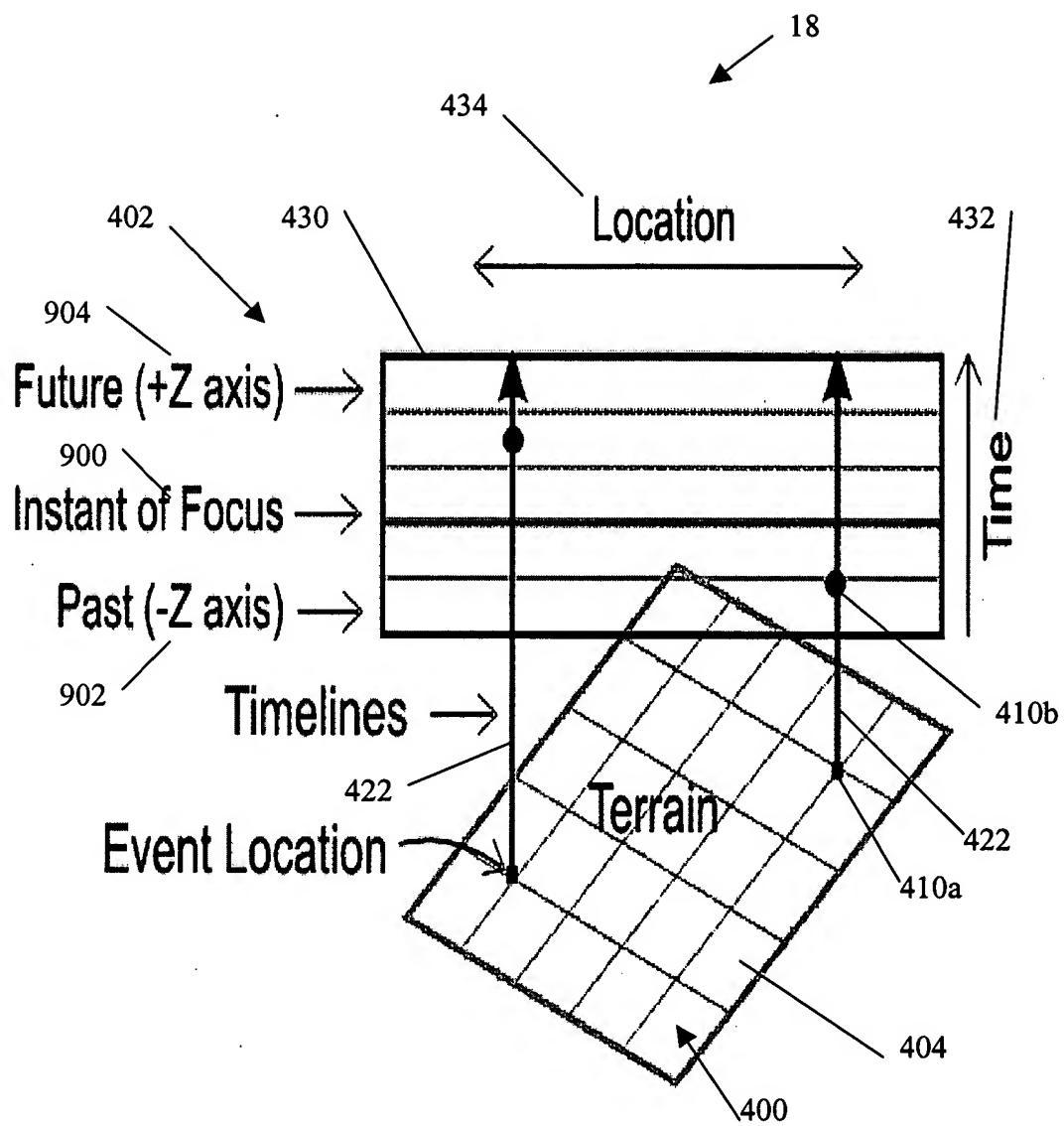


Figure 11

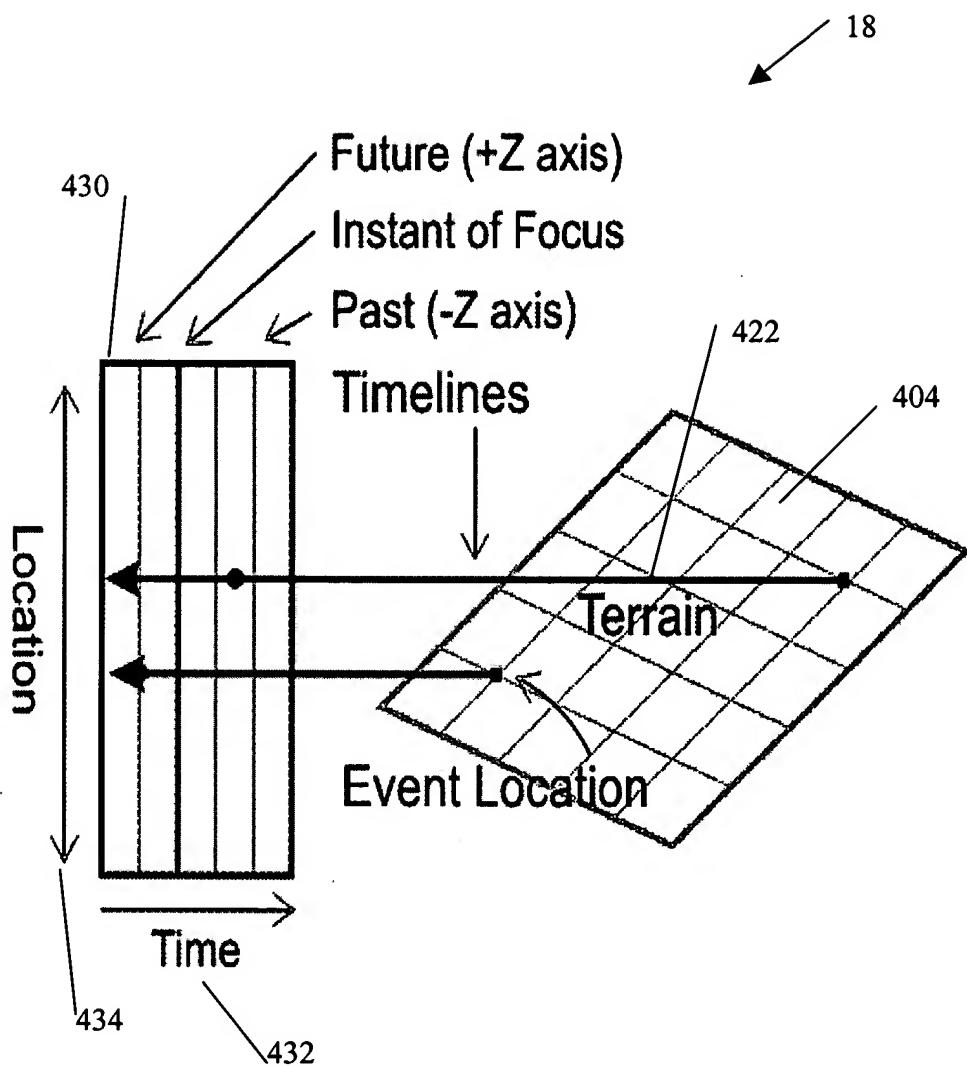


Figure 12

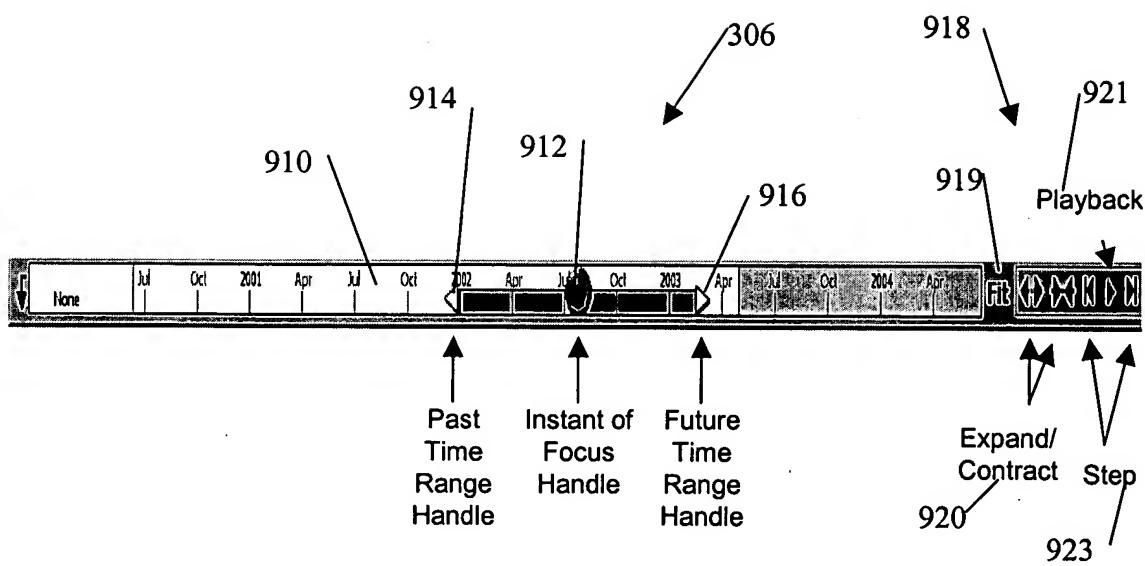


Figure 13

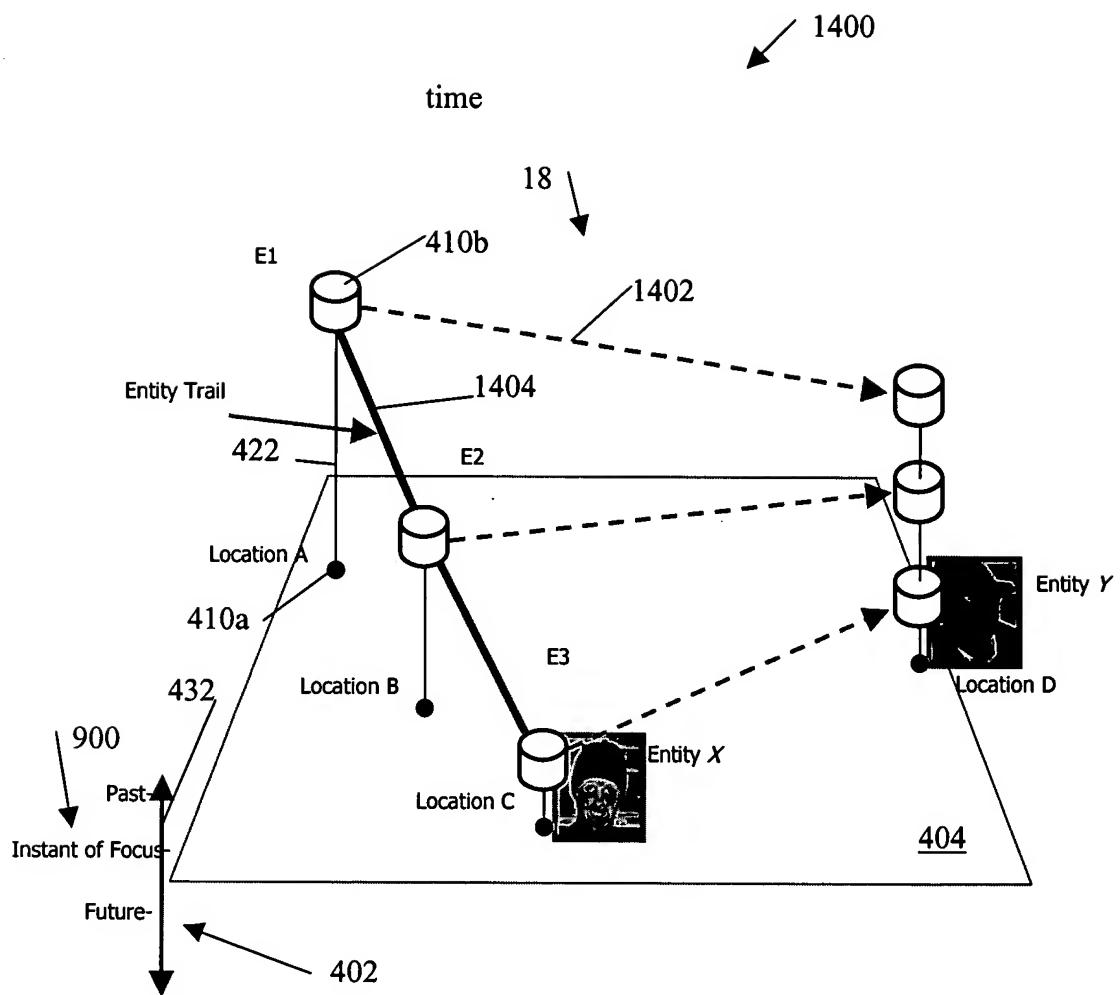


Figure 14

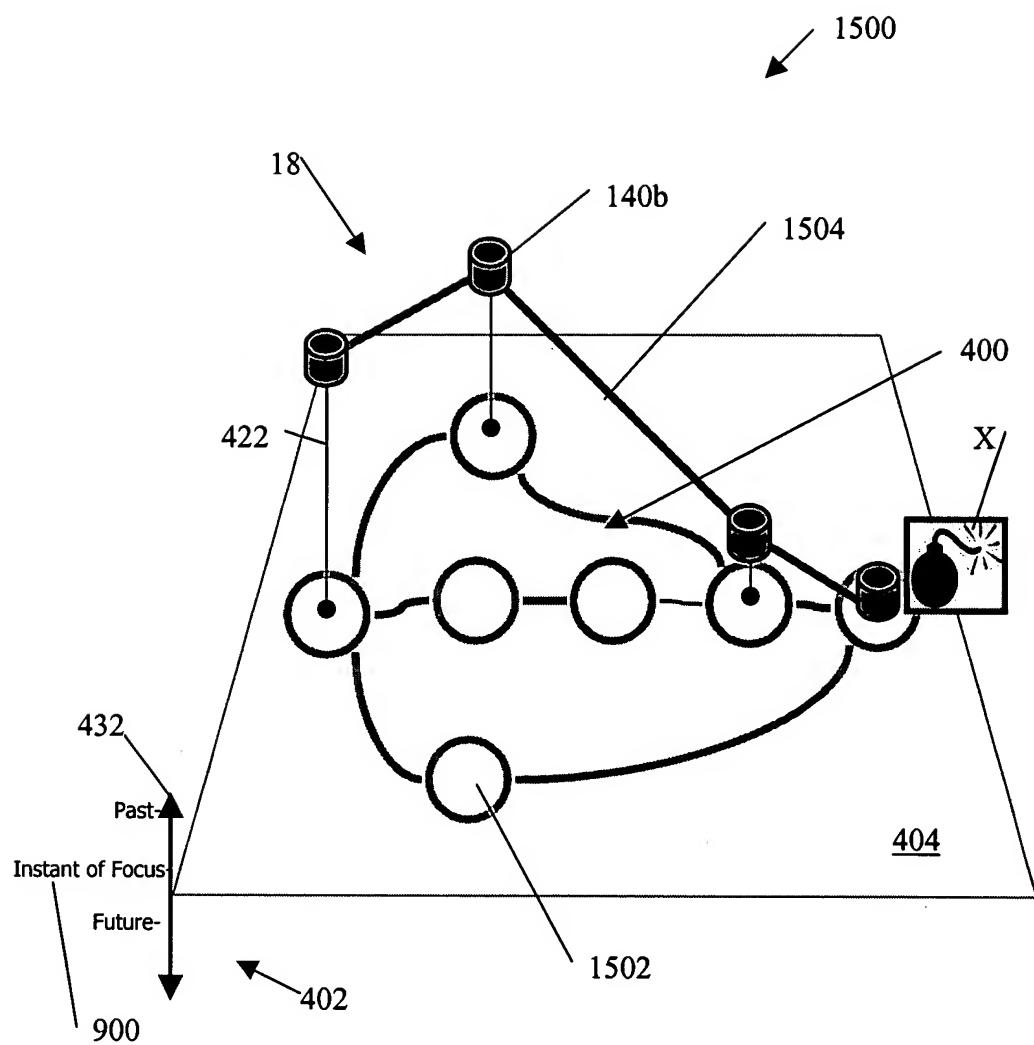
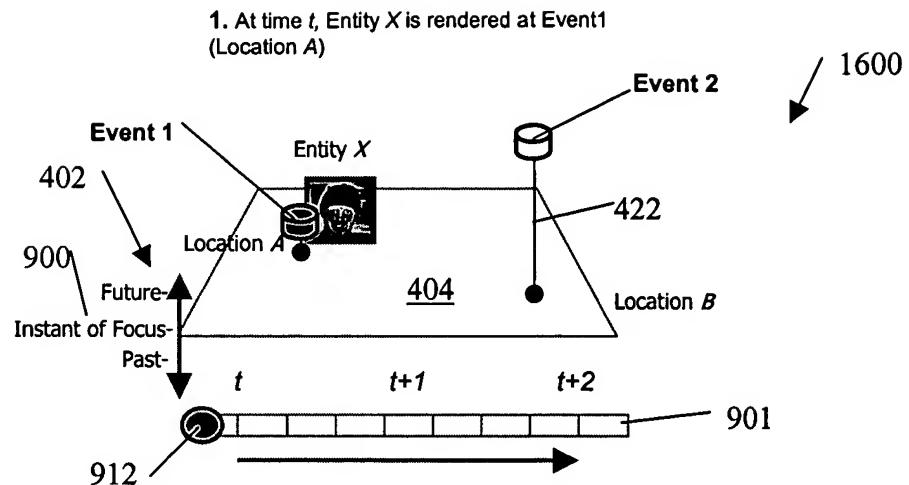


Figure 15



2. At time $t+1$, Entity X is shown moving between known locations (Event1 and Event2)

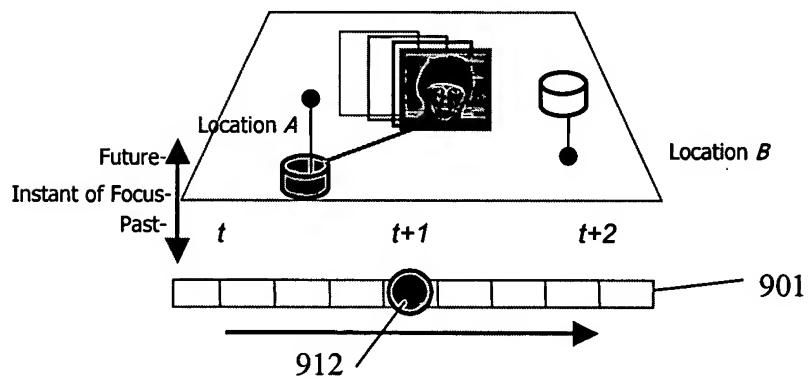
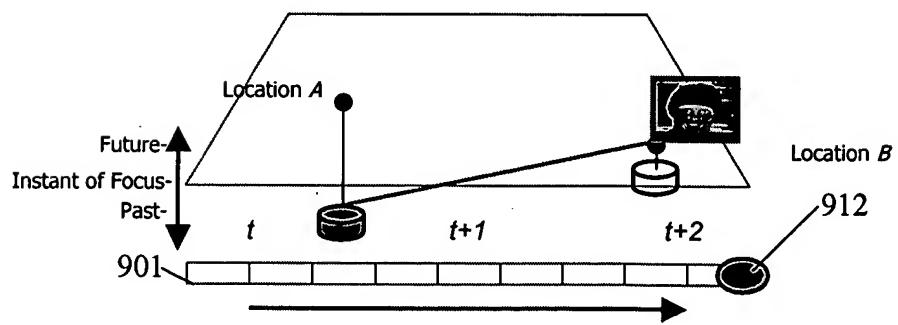


Figure 16

3. At time $t+2$, Entity X is rendered at Event2 (Location B)



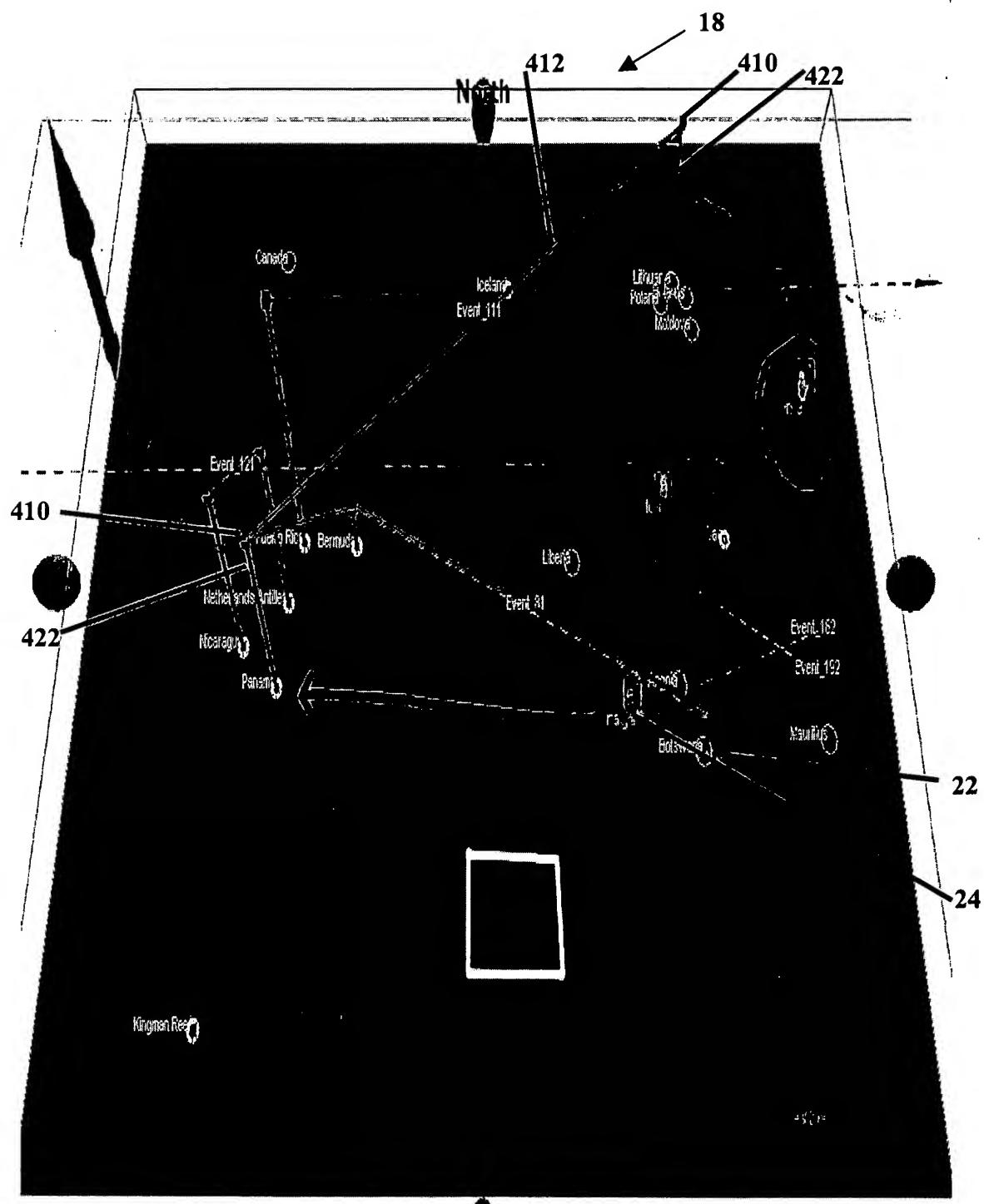


Figure 17

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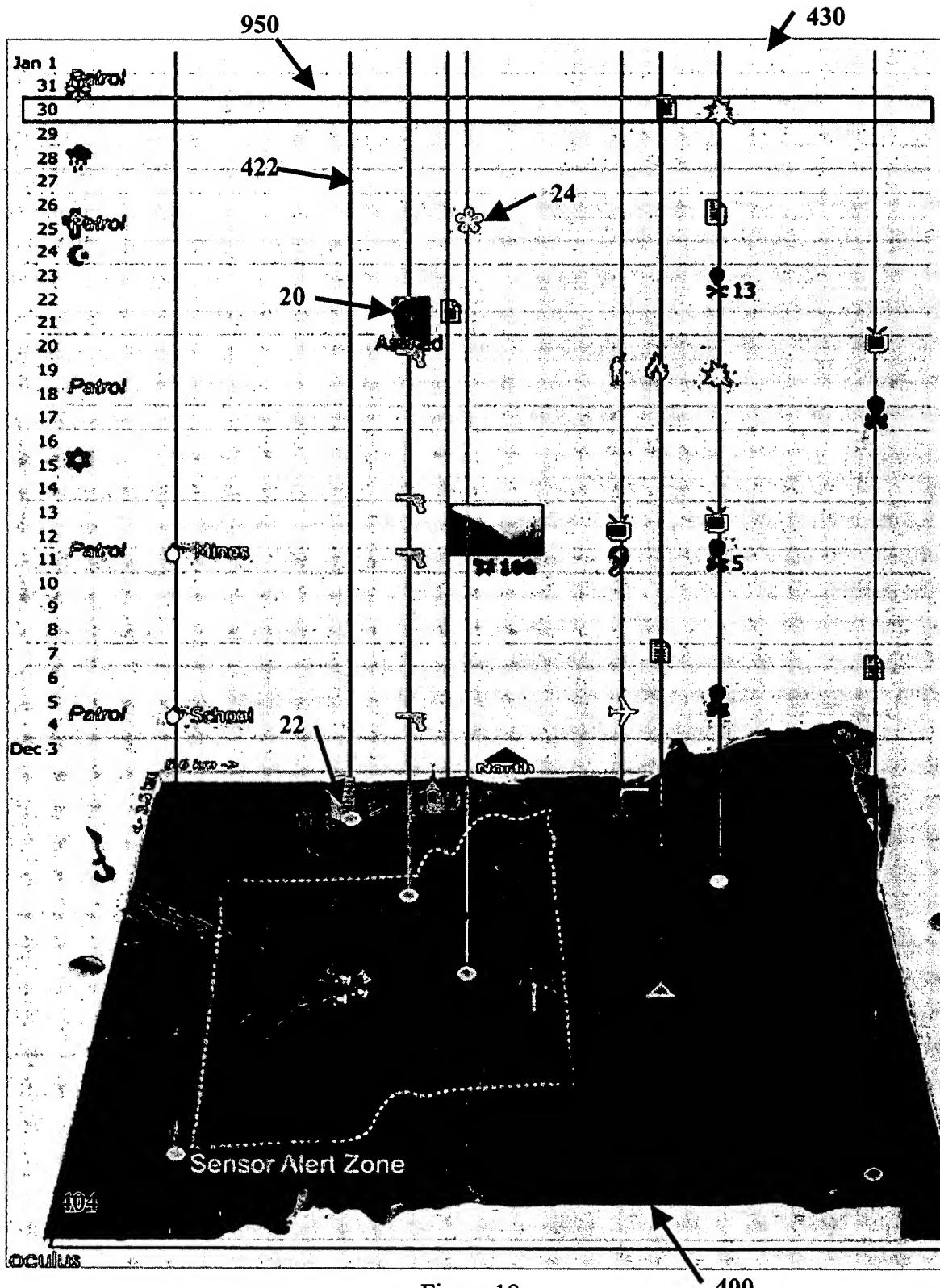


Figure 18

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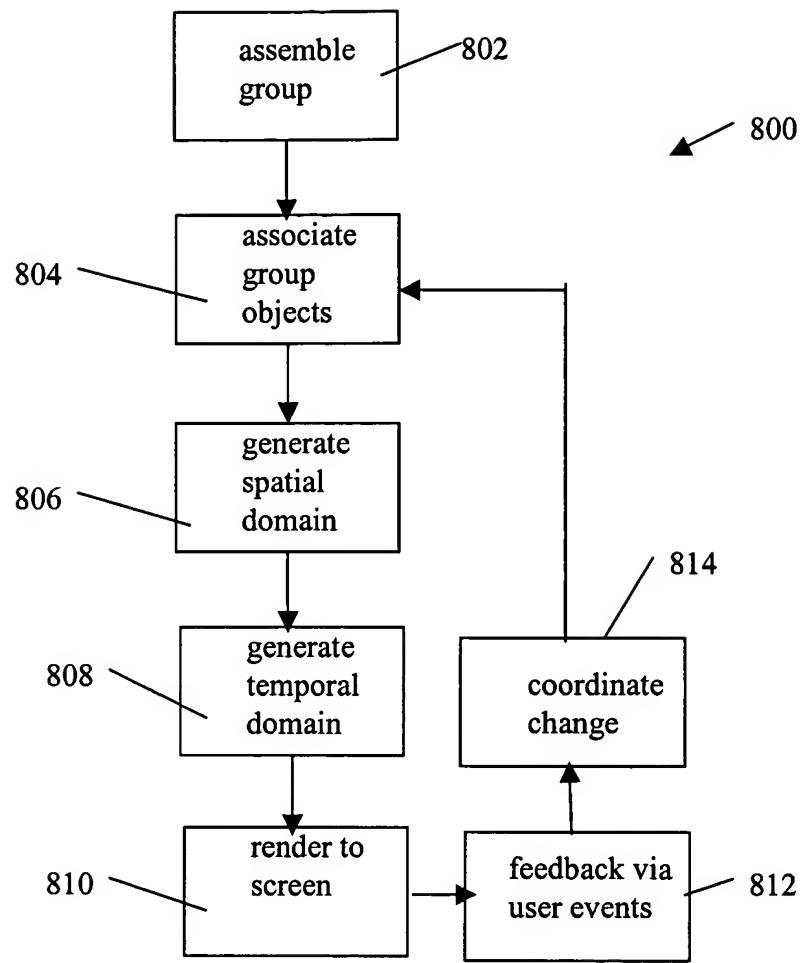


Figure 19

BEST AVAILABLE COPY